

Date: Mon, 22 Feb 93 18:33:10 PST  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V93 #244  
To: Info-Hams

Info-Hams Digest                      Mon, 22 Feb 93                      Volume 93 : Issue    244

Today's Topics:

                  Antique Wireless Association  
                  Baypac help needed  
          e-mail address for president (2 msgs)  
          E-SKIP DATA BASE/6&2 METERS  
          EAST COAST TV Channels  
FORGET THE CW HELP BRUNO - GET A DICTIONARY INSTEAD! (2 msgs)  
          Info needed on OSCAR's  
          IT CAME  
          Long Ground Lines  
          Looking for Callsign server (2 msgs)  
          Multiband multimode VHF rigs  
          no codes for nocodes?  
          QSL address for PJ0B?  
          Soldering PL259's (3 msgs)  
          Yaesu FT-5100 questions

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

-----

Date: Mon, 22 Feb 1993 17:56:04 GMT  
From: rit!isc-newsserver!ritvax.isc.rit.edu!BSM3708@cs.rochester.edu  
Subject: Antique Wireless Association  
To: info-hams@ucsd.edu

Hi, I am requesting E-Mail from All AWA members that  
have an E-mail Address , or packet address.  
My intent is to compile a list, and put it in the OTB

for all to see and use. Please send your info to  
bmitchel@kodak.com or wb8ygg @ wb2vph (packet)  
73 for now Brad Mitchell WB8YGG.

-----  
Date: Tue, 23 Feb 1993 00:45:44 GMT  
From: news.Hawaii.Edu!news@ames.arpa  
Subject: Baypac help needed  
To: info-hams@ucsd.edu

Hi fellow netters:

Any body has any experience with "BayPac" pocket modem and SDP-600  
personal phone patch, with regard to performance, compatibility,  
and technical support. Your information and kind advise are appreciated.  
Nopadon  
E-mail: sahachai@uhunic.uhcc.hawaii.edu

-----  
Date: 22 Feb 93 12:28:51  
From: agate!stanford.edu!EE.Stanford.EDU!sierra!bencze@ames.arpa  
Subject: e-mail address for president  
To: info-hams@ucsd.edu

>> On 22 Feb 1993 17:48:23 GMT, tatsuya@sofya.math.byu.edu said:  
> NNTP-Posting-Host: zed.math.byu.edu

> when I was listening radio news line on last sunday. It mentioned the  
> address for the white house on compuserve.... Does anyone catch it? If  
> you did so, please e-mail the adress to me.

I found this a while back. I though it would be good to post it directly  
to the net. Pass it around!

-Bill

-----  
Turns out that you can now send email to the White House (yes, the one in  
Washington D.C.). The address is:

75300.3115@compuserve.com

Mail sent there is routed by the staff to wherever it's most appropriate  
(hopefully not the waste bin), so if you want a reply, you have to include  
your U.S. Mail address. Presumably, most of the people who handle the mail  
don't have access to email.

FYI, correspondence seems to receive the following generic acknowledgement upon receipt:

Thank you for your recent electronic mail message to the White House. As soon as practicable it will be sent to the appropriate office for consideration. You should receive a written reply in due course. Unfortunately, we are not yet ready to respond substantively to your message by electronic mail. We appreciate your patience as we implement our new electronic systems.

As you know, this is the first time in history that the White House has been connected to the public through electronic mail. We welcome your comments and suggestions for ways to improve your Public Access E-mail program.

Regards,  
Jock Gill  
Electronic Publishing  
Public Access E-mail  
The White House  
Washington, D.C.

75300.3115@Compuserve.com  
CLINTON PZ on America Online

PS: If you did not include your U.S. mail return address in your message and you want a reply, please send your message again and include that information.

Happy democracy. :-)

--

Bill Bencze

bencze@isl.stanford.edu

-----  
Date: Mon, 22 Feb 1993 19:19:17 GMT  
From: sdd.hp.com!cs.utexas.edu!csc.ti.com!tilde.csc.ti.com!fstop.csc.ti.com!  
linnig@network.UCSD.EDU  
Subject: e-mail address for president  
To: info-hams@ucsd.edu

In article <1mb3l7\$ims@hamblin.math.byu.edu> tatsuya@sofya.math.byu.edu writes:

> when I was listening radio news line on last sunday. It mentioned the  
> address for the white house on compuserve.... Does anyone catch it? If you  
> did so, please e-mail the adress to me.

Here it is...

alias white\_house 75300.3115@compuserve.com

Although I hear that they are not encouraging tons of email via this route since they are not quite ready to handle the volume that may result (perhaps Compuserve is not ready).

--

```
-----+-----+
Mike Linnig, Texas Instruments Inc. | 97.43% of all statistics are made |
Phone: (214) 575-3597 CALL: N5QAW | up; most of them (83.6 percent) |
Internet: mike.linnig@dseg.ti.com | are wrong. |
-----
```

-----  
Date: Mon, 22 Feb 1993 19:58:00 GMT  
From: nsisrv!news1.gsfc.nasa.gov!NewsWatcher!user@ames.arpa  
Subject: E-SKIP DATA BASE/6&2 METERS  
To: info-hams@ucsd.edu

Have been keeping E-SKIP data base for 1973-1992 for VHF. Also have separated for 144Mc. only. Both combined is about 24 pgs. Will attempt to send ovr BB free if anyone has a need. DICK. This is on MAC now. W3ZZ has my data base converted to IBM also. Objective has narrowed down to looking 2 Meter E-SKIP predictions based on Solar Coronal hole crossings.

-----  
Date: Mon, 22 Feb 1993 20:19:44 GMT  
From: nsisrv!news1.gsfc.nasa.gov!NewsWatcher!user@ames.arpa  
Subject: EAST COAST TV Channels  
To: info-hams@ucsd.edu

In article <RBOLT-220293124513@128.183.16.116>, RBOLT@postman.gsfc.nasa.gov (Dick Bolt/ WiDGA) wrote:

>

> We VHF UHF operators of weak signals us TV stations to indicate conditions of the tropo. Can you fill in any more up or down the E.Coast? Especially UHF  
CH2 Boston

Baltimore

CH3 Philadelphia  
Hartford

CH4 DC  
Boston?

CH5 DC  
CH6 Richmond, Va.  
CH7 DC  
CH8 Harrisburg, Pa.?  
CH9 DC  
CH10 Seen? 7/20/91  
CH11 Baltimore  
CH12 ??  
CH13 Baltimore  
  
CH14 Was Worcester, Ma. years ago?  
CH15  
CH16 Salisbury  
CH17  
CH18 Seen ? 7/20/91  
CH19 NY? Mass area  
Ch20 DC  
                Springfield, Ma??  
CH21  
CH22 Annapolis, Md. (PBS)  
CH23 Seen ? 7/20/91  
CH24  
CH25  
CH26 DC (PBS)  
CH27  
CH28 Salisbury, Md. (PBS)  
CH29 NJ/Del  
CH30 Hartford  
CH31 Hagerstown, Md. (PBS)  
CH32 DC, Howard Univ. (PBS)  
CH33  
CH34  
CH35  
CH36 Oakland, Md. (PBS)  
CH37  
CH38CH39  
CH40 Springfield, MA  
CH41  
CH42 York?  
CH43  
CH44  
CH45 Baltimore  
CH46  
CH47 Harrisburg?  
CH48 Local VA/DC Spanish  
CH49  
CH50 Local DC?  
CH51

CH52  
CH53 Local VA  
CH54 Local Balt.?  
CH55  
CH56 Local VA  
CH57 Local?  
CH58  
CH59  
CH60  
CH61  
CH62 Fredrick, Md. (PBS)  
CH63  
CH64  
CH65  
CH66 Local?  
CH67 Baltimore, Md. (PBS)  
CH68  
CH69

-----  
Date: 22 Feb 93 20:28:26 GMT  
From: lll-winken!nirvana.llnl.gov!user@seismo.css.gov  
Subject: FORGET THE CW HELP BRUNO - GET A DICTIONARY INSTEAD!  
To: info-hams@ucsd.edu

In article <C2twAr.AG3@news.Hawaii.Edu>, jherman@Hawaii.Edu wrote:

>  
>

> CHARACTER. SORRY FOR THE FLAME BUT IT HURTS MY EYES (AND BRAIN) TO  
> SEE SUCH THINGS. IT'S TOO BAD PEOPLE DON'T TAKE MORE PRIDE IN HOW THEY  
> PRESENT THEMSELVES ON THESE NETS.  
>  
> JEFF NH6IL.

Kinda like reading messages that were typed in all caps! ;-)

(couldn't resist!)

Dave  
KD6RRS

-----  
Date: 23 Feb 93 01:36:23 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: FORGET THE CW HELP BRUNO - GET A DICTIONARY INSTEAD!

To: info-hams@ucsd.edu

JEFF NH6IL. SHOUTS:

TO BRUNO / AA6AD: FORGET TRYING TO HELP OTHERS LEARN CW; INSTEAD, HELP YOURSELF OUT BY LEARNING TO CORRECTLY SPELL THE FOLLOWING:  
(AS TAKEN FROM YOUR POST)

THAMSELF, HITING, PROGRES, DEPRESSION, SUDNELY, COPING (COPYING?), CHARACTER. SORRY FOR THE FLAME BUT IT HURTS MY EYES (AND BRAIN) TO SEE SUCH THINGS. IT'S TOO BAD PEOPLE DON'T TAKE MORE PRIDE IN HOW THEY PRESENT THEMSELVES ON THESE NETS.

Being one of the poor spellers on this group I concur and feel I must respond. I'm amused by the note. Was this typed on a teletype. Did it come in via RTTY. Was the CAPS LOCK key down. Doesn't it hurt you eyes?

The pot once again calls the kettle black ...

Kevin Purcell N7WIM / G8UDP

a-kevinp@microsoft.com

"We conjure the spirits of the computer with our spells"

For the furst tim no spelin mistakes in thi pots.

-----

Date: 22 Feb 93 21:06:08 GMT

From: news-mail-gateway@ucsd.edu

Subject: Info needed on OSCAR's

To: info-hams@ucsd.edu

Gary Coffman KE4ZV said:

A keyed FM transmitter can be used for uplink, on 145 MHz for Mode A or on 435 MHz for mode B, while a HF receiver can receive Mode A signals at 10 meters or a converter can be used in front of the receiver to hear 145 MHz downlink signals on mode B.

I say:

I's anyone trying this? How chirpy is the CW? Do people mind you not compensating for doppler shift (normally done by tuning the transmitter rather than the receiver).

Kevin Purcell N7WIM / G8UDP

a-kevinp@microsoft.com

"We conjure the spirits of the computer with our spells"

-----  
Date: Mon, 22 Feb 1993 19:57:56 GMT  
From: usc!rpi!rs6301.ecs.rpi.edu!maessm@network.UCSD.EDU  
Subject: IT CAME  
To: info-hams@ucsd.edu

In article <93053.100922I080861@MAINE.MAINE.EDU>, I080861@MAINE.MAINE.EDU (Damon Kiesow) writes:

|> Got my ticket this morning. N10JG. Took my test 12/10/92 - the license  
|> was issued 2/19/93. Received it 2/22/93.  
|> Damon Kiesow - N10JG / I080861@Maine / 71131,1635 / 207-581-3059

congratulations and welcome to the hobby! :)

--

Mat Maessen    N2NJZ            | maessm@rpi.edu

----- +-----  
The opinions expressed in this message definitely do NOT reflect the  
views of RPI, Roland Schmitt, or BAPP

-----  
(c) 1993 Fake-sig Co., Inc.  
-----

-----  
Date: 22 Feb 93 23:39:08 GMT  
From: news.tek.com!tekig7!tekig6!royle@uunet.uu.net  
Subject: Long Ground Lines  
To: info-hams@ucsd.edu

>>I say:

>>An aside to this is that these air-cored baluns (for that is what it  
>>is) are only effective at 14Mhz (or so) and above. There is not enough  
>>inductance in the winding to kill off the RF on the outside of the braid  
>>at the low bands. For that you need some ferrite/powdered iron beads.

>Even at 146 MHz, the air-wound choke is not as effective as one with  
>a core. Last weekend WB6FRZ and I were doing some experiments measuring  
>feedline currents on ground plane and J-pole antennas. We found that if  
>you happen to hit the right (wrong) resonant feedline length, you get  
>humongous currents on the coax shield, especially with the J-pole.  
>Adding a 5 or 6 turn loop in the coax changes the resonant length,  
>but there is still some feedline length that results in large currents.  
>With the coax wrapped around a toroid, we didn't have that problem.

>My theory is that the toroid adds not only inductance, but (loss)  
>resistance, so its choking action does not depend so much on

>whether the feedline shield is resonant.

>AL N1AL

It's possible to get quite a high impedance from an "air-core" balun made by winding the coax into a coil. The lengths and diameters given in the ARRL Handbook were derived by experimentation and measured with an HP vector impedance meter. They all give an impedance of 1000 ohms or better at their center frequencies. These don't depend just on inductance, but are broadly resonant circuits, which is why they do best over about a 3:1 or so frequency range. The big advantage to ferrite is as Al says: ferrite core baluns create an impedance which is resistive and relatively constant over a very wide frequency range.

There's no reason air-core baluns won't work at 2 meters. Perhaps someone would be willing to do some experimenting and make measurements to determine the best combination of diameter and number of turns.

Regarding feedline coupling with ground plane antennas -- I've run computer simulations that show the coupling very clearly. Putting simulated "choke" or "current" baluns at the feedpoint and 1/4 wave below the feedpoint reduce the feedline current a great deal. The signal strength at the horizon consequently improves. I've never tested one, but the AEA Isopole looks like an effort to make a ground plane antenna with minimal coupling to the feedline (by means of a couple of conical chokes).

Roy Lewallen  
W7EL

-----  
Date: 22 Feb 93 18:52:00 GMT  
From: usc!howland.reston.ans.net!spool.mu.edu!olivea!charnel!sifon!  
newsflash.concordia.ca!pavo.concordia.ca!ra\_mcd@network.UCSD.EDU  
Subject: Looking for Callsign server  
To: info-hams@ucsd.edu

Hello,  
Message-ID: <22FEB199313523672@pavo.concordia.ca>  
Organization: Concordia University  
News-Software: VAX/VMS VNEWS 1.41

I am trying to get onto one of the 2 call sign servers via telnet however I am having some problems. The 2 servers that I am referring to are:

- callsign.cs.buffalo.edu 2000      and
- plan9.njit.edu 2000

However when I type \$Telnet callsign.cs.buffalo.edu 2000 I don't get connected if anyone knows if there is another server or if my syntax is incorrect I would

appreciate it if you could E-Mail me and let me know how to get connected.

I am on a Vax ???/VMS.

As well does anyone know if there is a similar server (database) maintained by DOC (Canada) which can be accessed through Internet.

Thank you in advance.

Robert McDonald.            ra\_mcdo@pavo.concordia.ca

-----  
Date: 22 Feb 93 16:57:20 EST  
From: titan.ksc.nasa.gov!k4dii.ksc.nasa.gov!user@ames.arpa  
Subject: Looking for Callsign server  
To: info-hams@ucsd.edu

In article <C2v60s.LBv@newsflash.concordia.ca>, ra\_mcdo@pavo.concordia.ca (MCDONALD, ROBERT ALLAN) wrote:

> I am trying to get onto one of the 2 call sign servers via telnet however I  
> am having some problems. The 2 servers that I am referring to are:  
> - callsign.cs.buffalo.edu 2000        and  
> - plan9.njit.edu 2000

Robert-

I've had some problems with callsign.cs.buffalo.edu 2000, but there is an alternate address. I usually get through from the local VAX, using electra.cs.buffalo.edu 2000.

73, Fred, K4DII

fred-mckenzie@ksc.nasa.gov

-----  
Date: 22 Feb 93 20:53:46 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Multiband multimode VHF rigs  
To: info-hams@ucsd.edu

Bob Witte / HP Colo Springs / bobw@col.hp.com / KB0CY said:

OK, Kenwood, now take this basic technology and apply it to an all-mode mobile VHF/UHF radio. Maybe 6 meters, 2 meters and 70 cm. I would even settle for any two of these bands.

I have often wondered why there are multimode HF rigs that span a decade but no equivalent transceiver for VHF.

I can see the possible lack of a market (but is this really the case if there are a large number of Techs out there -- is it really true that they only want 2m FM :-)

Kevin Purcell N7WIM / G8UDP  
a-kevinp@microsoft.com  
"We conjure the spirits of the computer with our spells"

>Date: Thu, 18 Feb 1993 11:31:04 GMT  
>From: anomaly.sbs.com!anomaly.sbs.com!kd1hz@uunet.uu.net  
>To: info-hams@ucsd.edu

```
>>for a newcomer, nothing but: "Why are you proud of someone who memorized the
>>questions?"
```

```
>-- Michael P. Deignan, KD1HZ | --- .-. .-. .-. .-. .-. .-. .-. .-.
>-- Domain: mpd@anomaly.sbs.com | -- -- - - - - - - - - - - - - - -
>-- UUCP: uunet!anomaly!mpd | ... - - - - - - - - - - - - - -
>-- Telebit: +1 401 455 0347 | .-. .-. .-. .-. .-. .-. .-. .-.

```

>-----

In reply to the flaming on "no-code" hams, Mike, you should listen to the extra-class (CB) types on 20 and 40! Most of the so called "no-code" hams that I have talked to on 2m. and above are more disciplined and have far better operating practices than some of the OFs on HF. If you want QUALITY be an Elmer, not a Curmudgeon. Note that the "code" translates to: OUR REPEATER MOTTO NO CODES FOR NOCODES RENL HNMS [sic]". You might want to brush up on your code also.

=bobb=

-----  
Date: 23 Feb 1993 02:23:44 GMT  
From: sdd.hp.com!col.hp.com!bobw@network.UCSD.EDU  
Subject: QSL address for PJ0B?  
To: info-hams@ucsd.edu

My log book says the QSL route for PJ0B is WA2NHA.  
I haven't tried this route, though.

Bob KB0CY

-----  
Date: Mon, 22 Feb 1993 19:06:09 GMT  
From: sdd.hp.com!col.hp.com!fc.hp.com!jayk@network.UCSD.EDU  
Subject: Soldering PL259's  
To: info-hams@ucsd.edu

: Does anybody have any hints on  
: soldering these things reliably?

1. Use extra flux (available at Radio Shack, etc)
2. Use silver plated PL-259s (These flow MUCH better)
3. Tin the body of the PL-259 by flowing solder on it before you put the connector on the cable.

73, Jay K0GU jayk@fc.hp.com

-----  
Date: Mon, 22 Feb 1993 20:49:14 GMT  
From: sdd.hp.com!hpscit.sc.hp.com!cupnews0.cup.hp.com!genem@network.UCSD.EDU  
Subject: Soldering PL259's  
To: info-hams@ucsd.edu

Due to this problem I have moved to crimp-on PL-259s. I wasn't keen on

this idea until a friend introduced me to some of the new connectors.  
He invested ~\$150.00 in a professional crimping tool, and each 259  
connector runs about \$5.00.

My first outdoor crimp on has been on my IsoLoop for this rainy winter  
we have been having here. Naturally, I covered it with the weather seal,  
and so far its great. There are 4 of these crimp-ons by the time it  
makes it to the rig (ant switch).

This is a hefty investment, but if you know someone... :)

```
--
+-----+
|Gene Marshall          \-\\-\\          email: genem@cup.hp.com |
|Hewlett Packard Co., MS 42UN      |          Tel: 408/447-5282 |
|Software Technology Division      |          Fax: 408/447-5039 |
|11000 Wolfe Road          |          AA6IY@N6LDL.CA.USA.NA |
|Cupertino, CA 95014      /\\|          Bay Area: 147.39+ / 223.96- |
+-----+
```

-----  
Date: Mon, 22 Feb 1993 21:08:01 GMT  
From: usc!howland.reston.ans.net!gatech!darwin.sura.net!sgiblab!sgigate!odin!  
jerber.sandiego.sgi.com!jerryb@network.UCSD.EDU  
Subject: Soldering PL259's  
To: info-hams@ucsd.edu

In article <C2v6E9.1v8@fc.hp.com>, jayk@fc.hp.com (Jay Kesterson K0GU)  
writes:

```
|> :                               Does anybody have any hints on
|> : soldering these things reliably?
|>
|> 1. Use extra flux (available at Radio Shack, etc)
|> 2. Use silver plated PL-259s (These flow MUCH better)
|> 3. Tin the body of the PL-259 by flowing solder on it before you put
|> the
|>   connector on the cable.
|>
|> 73, Jay K0GU                               jayk@fc.hp.com
```

--

MORE HINTS: 1) Lower wattage soldering tools take too long to heat the  
joint thus allowing heat to flow into undesireable areas, sometimes melting  
them. Use of a fairly high wattage 200/240 watt iron used CAREFULLY will  
heat the joint quickly enough without damage, USUALLY. Immediate use (just  
after completion of the soldering) of a heat sink (pliers, alligator clips,

etc.) on the area soldered will conduct heat away from the area, helping to keep the residual heat from damaging easily melted areas.

2) EASIEST HINT: Use silver plated PL-259s with a non-meltable insulation material insulating the sleeve from the center conductor connector. You CAN find these PL-259s, look for an amber colored phenolic insulation material surrounding the center conductor area. This material is almost impervious to heat damage.

73,

~~~~~  
Jerry Bransford  
Silicon Graphics  
(619) 546-0409  
~~~~~

-----  
Date: Mon, 22 Feb 1993 17:09:51 GMT  
From: amdcad!amdcl2!brian@decwrl.dec.com  
Subject: Yaesu FT-5100 questions  
To: info-hams@ucsd.edu

Anthony S. Pelliccio writes:

>  
> [The Yaesu Ft-5100 wireless mike] interfaces to the rig via a  
> standard mic plug. The receiving unit is only about 1'h x 2w x 1/2d.  
>  
> Tony

This means that the radio can be completely controlled via a hard-wired mike as well! Anybody seen any documentation (or done any experimentation) to figure out the control format and codes that the mike port understands?

Such a wired mike would be a nice addition to the rig. Especially if it was priced less than the remote control version.

I'm still collecting any and all mods for the 5100 (similar to my collection of 470 mods), but haven't heard anything significant yet. There's supposed to be a mods sheet from Yaesu, but I haven't seen that yet either. If you have any mods for the 5100, please e-mail them to me. (I'll post a summary).

Brian McMinn, N5PSS      brian@amd.com    brian@nucleus.amd.com

-----

End of Info-Hams Digest V93 #244  
\*\*\*\*\*